

MCU ISP BOARD USER GUIDE

2012/6/4

硬體說明

UART接口

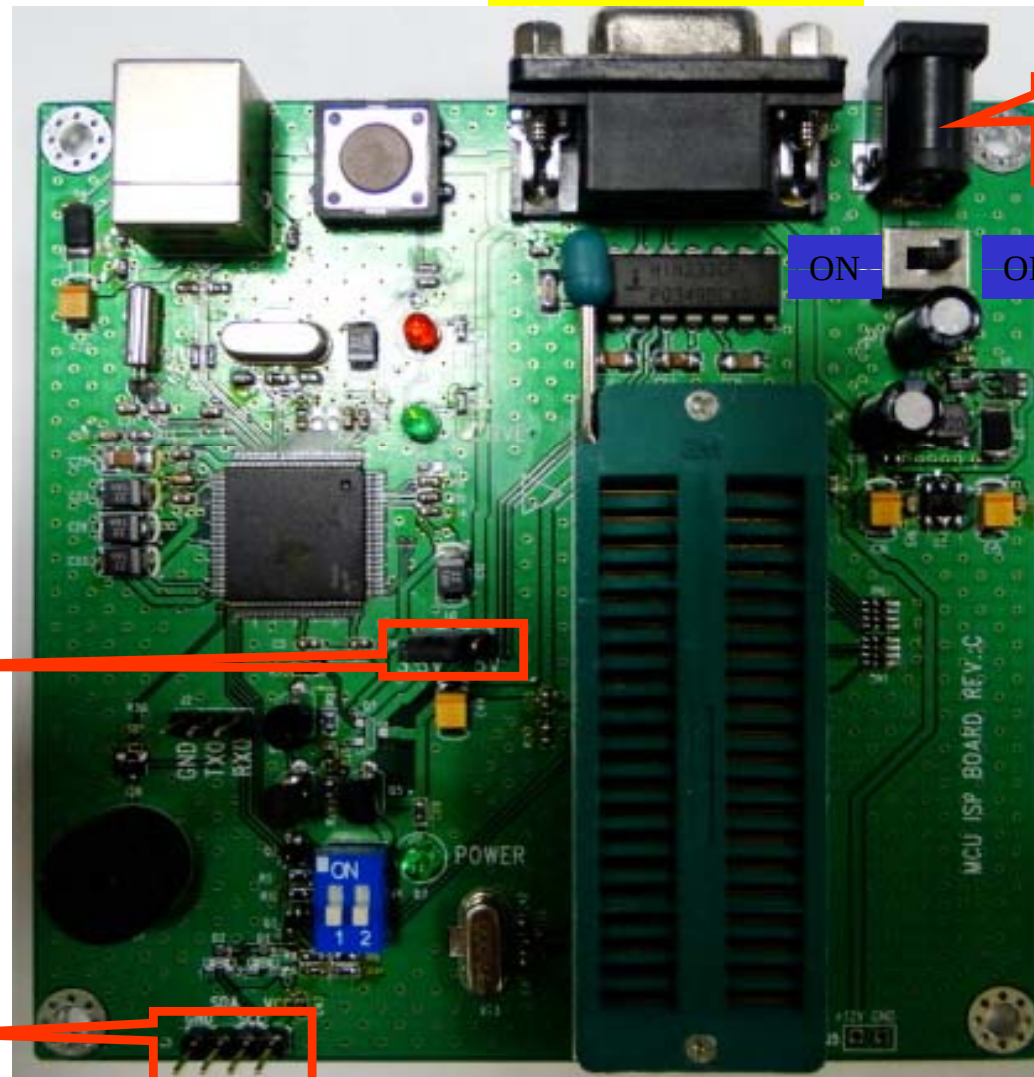
外接9~12V電源

VCC電壓選擇

3.3V 5V

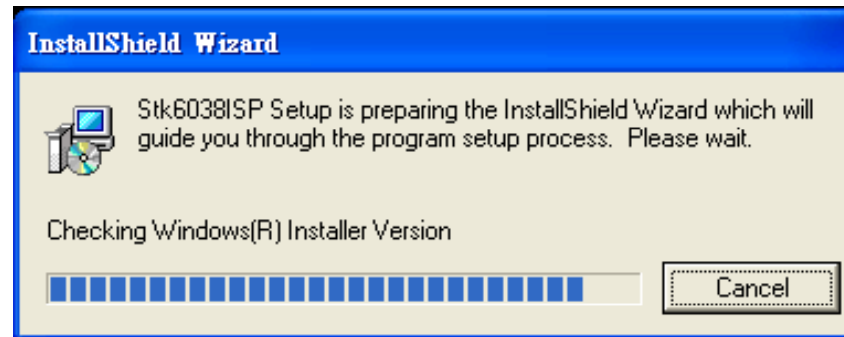
ISP燒錄接口

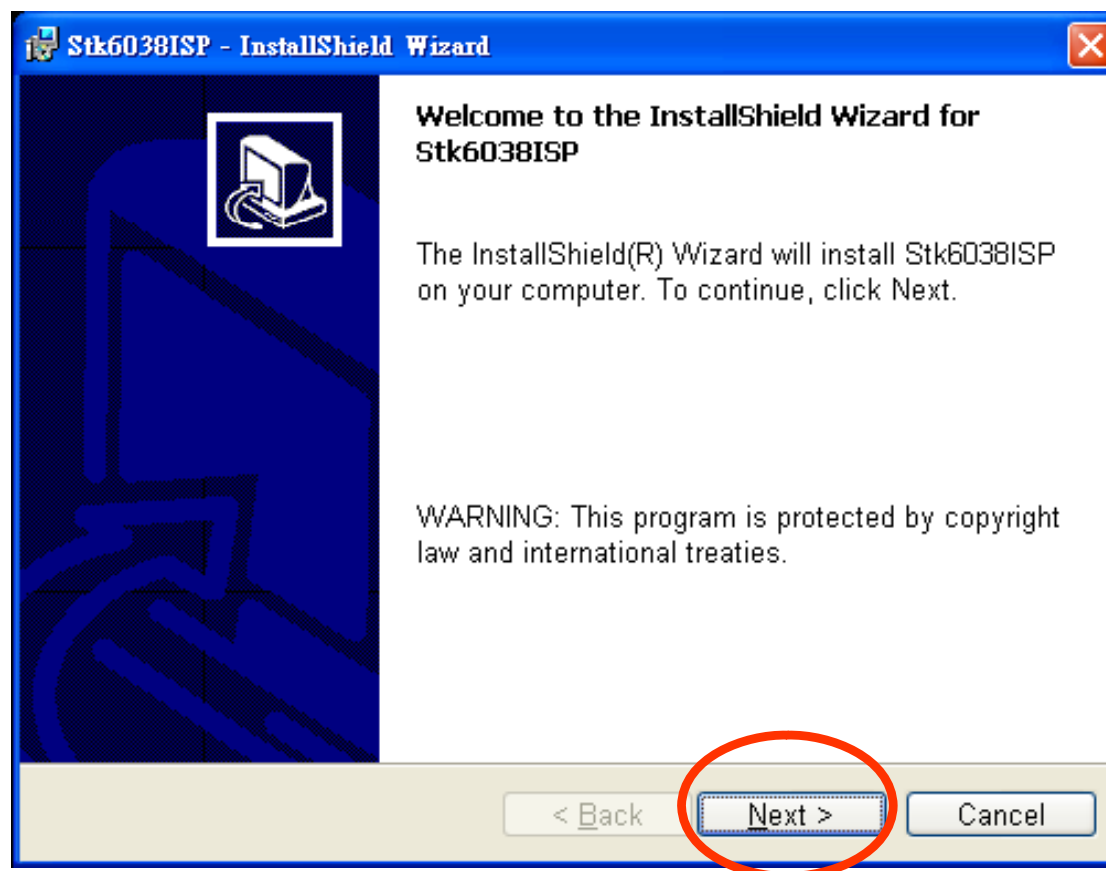
GND SDA SCL VCC



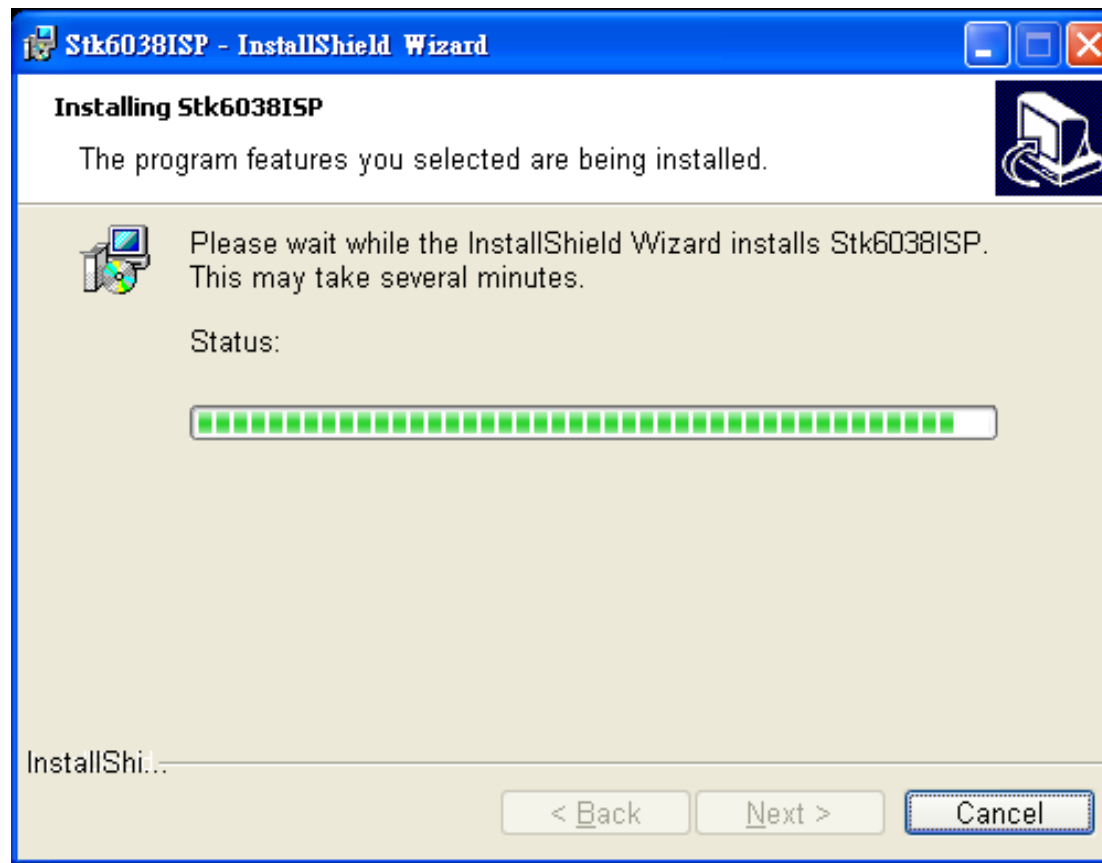
燒錄軟件安裝步驟

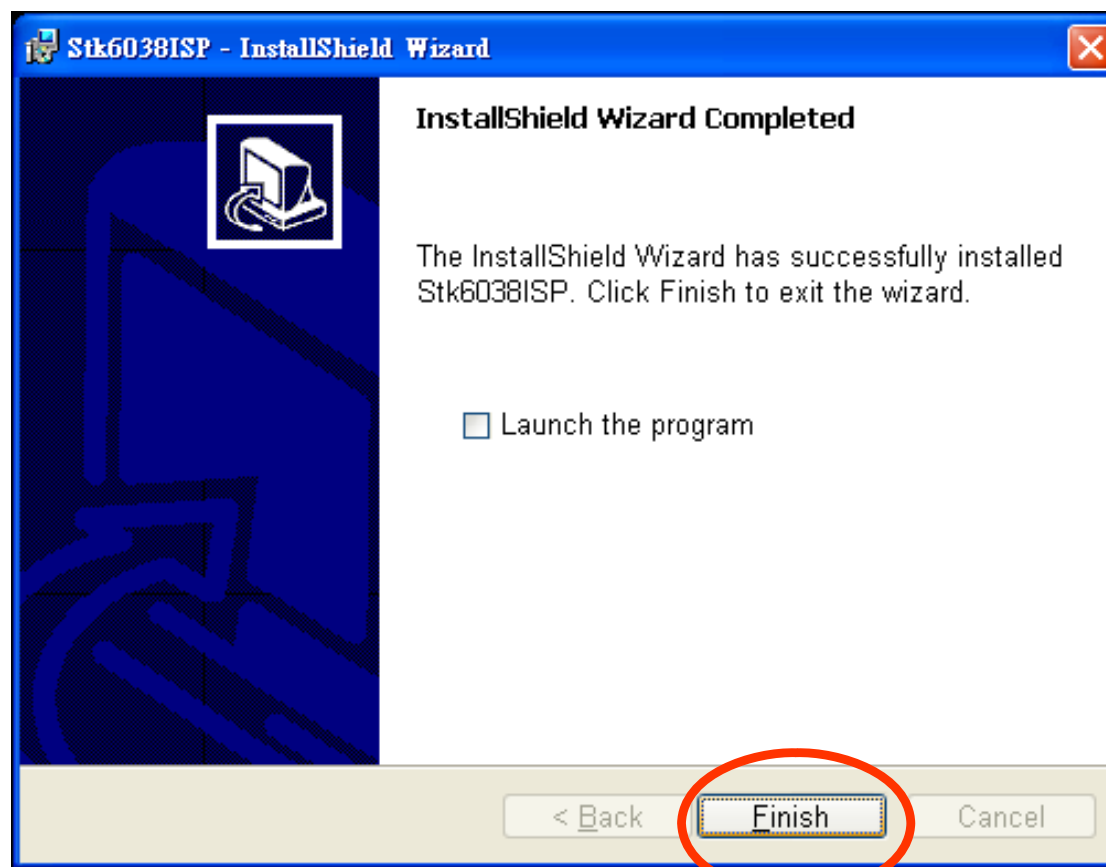
1. 點擊 Stk6038AP20120517.exe , 開始安裝燒錄軟件





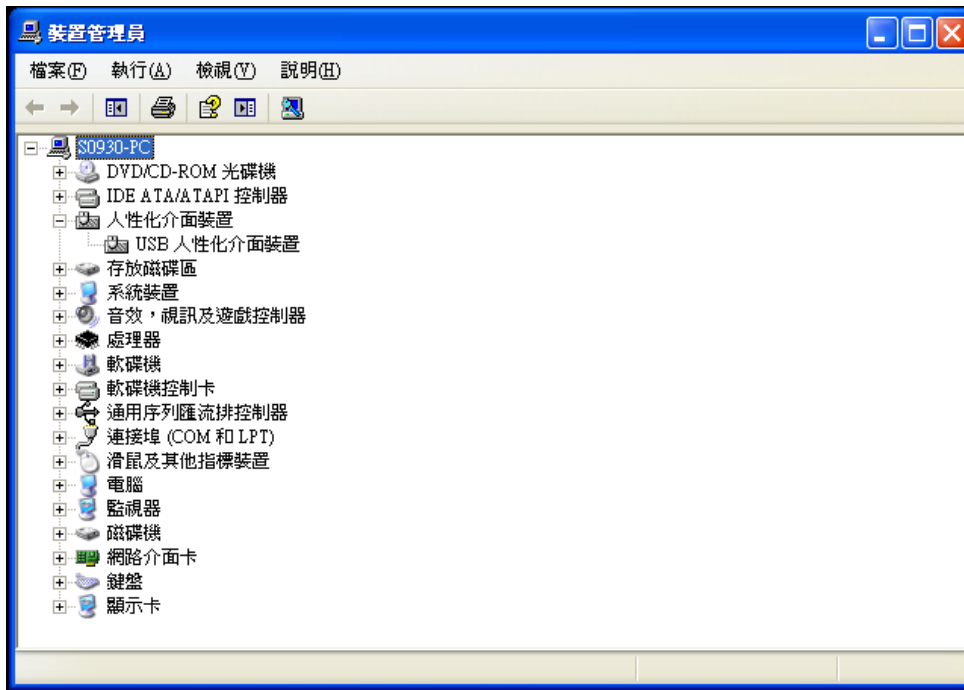
滑鼠游標點擊 Next



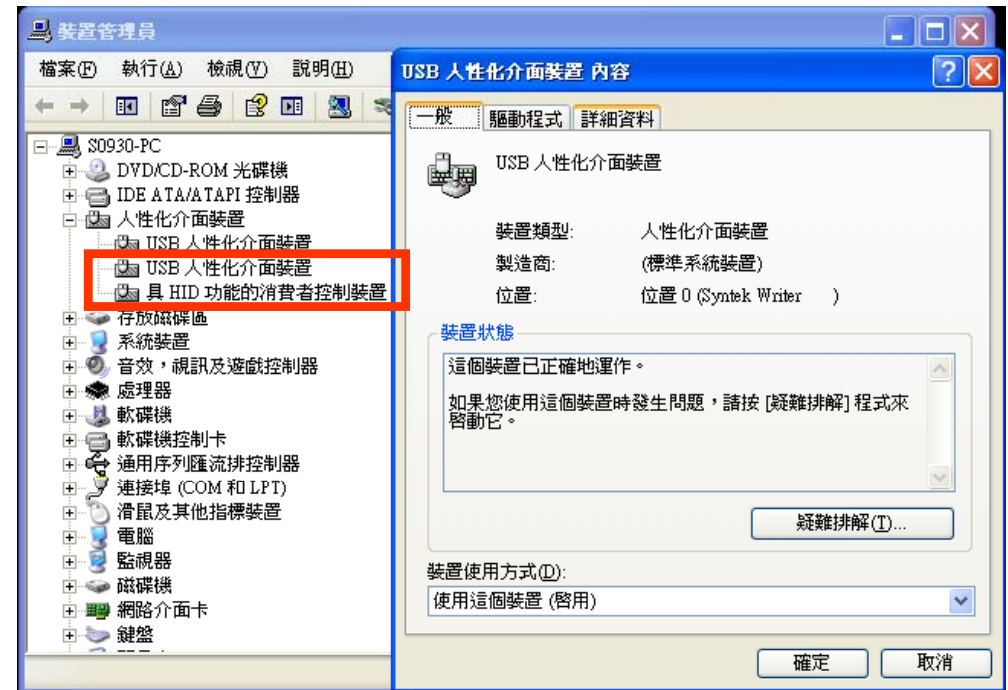


安裝完成

ISP Board Link(1)



ISP Board 尚未連接成功



ISP Board 連接成功

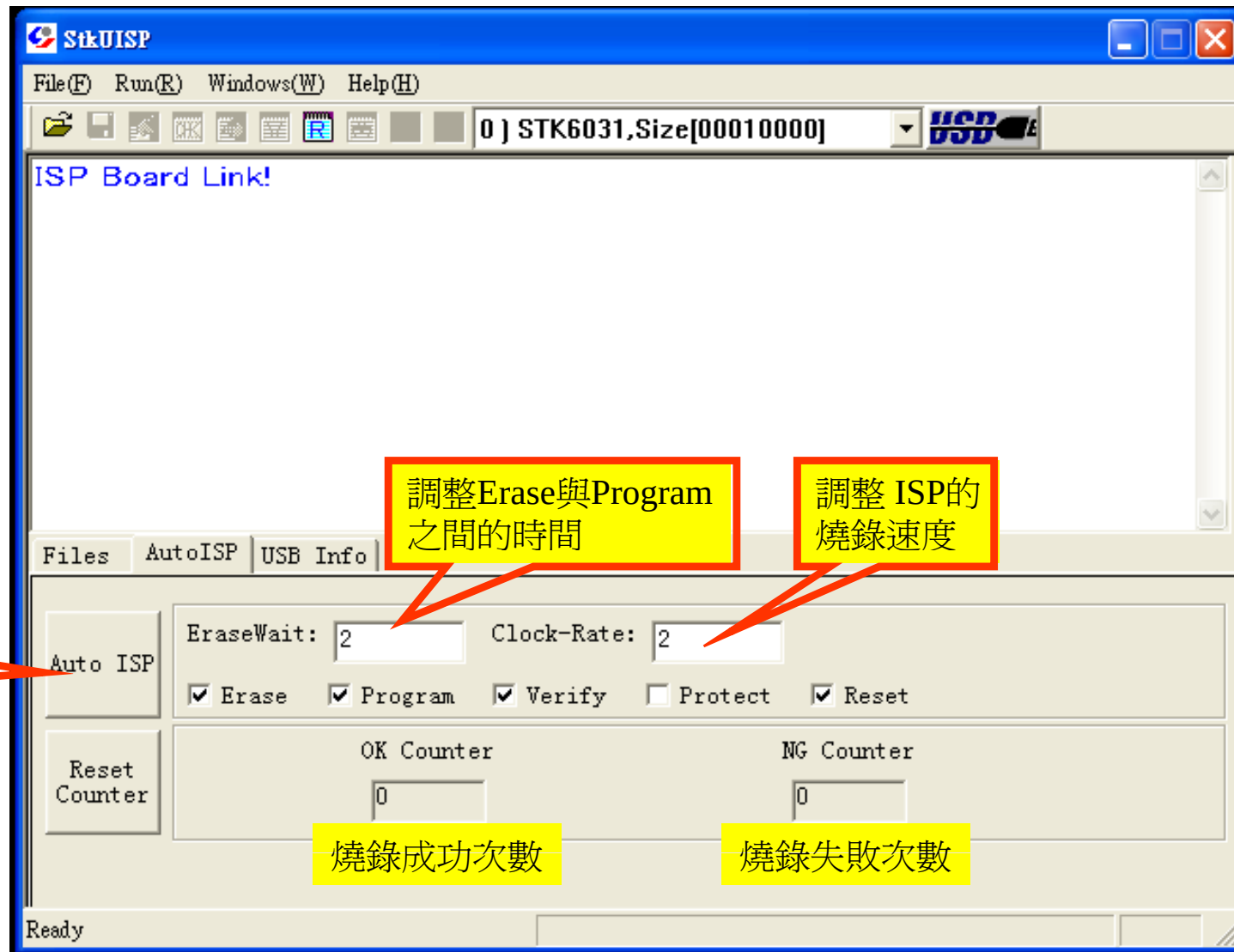
1. 將 PC USB 與 ISP Board 連接
2. 成功連接後，ISP Board 上的 LINK (紅色 LED) 會亮起來表示 ISP Board 與 PC 成功連接
3. 成功連接後，裝置管理員在“人性化介面裝置”的部份會增加一個“USB 人性化介面裝置”及“具 HID 功能的消費者控制裝置”

ISP Board Link(2)

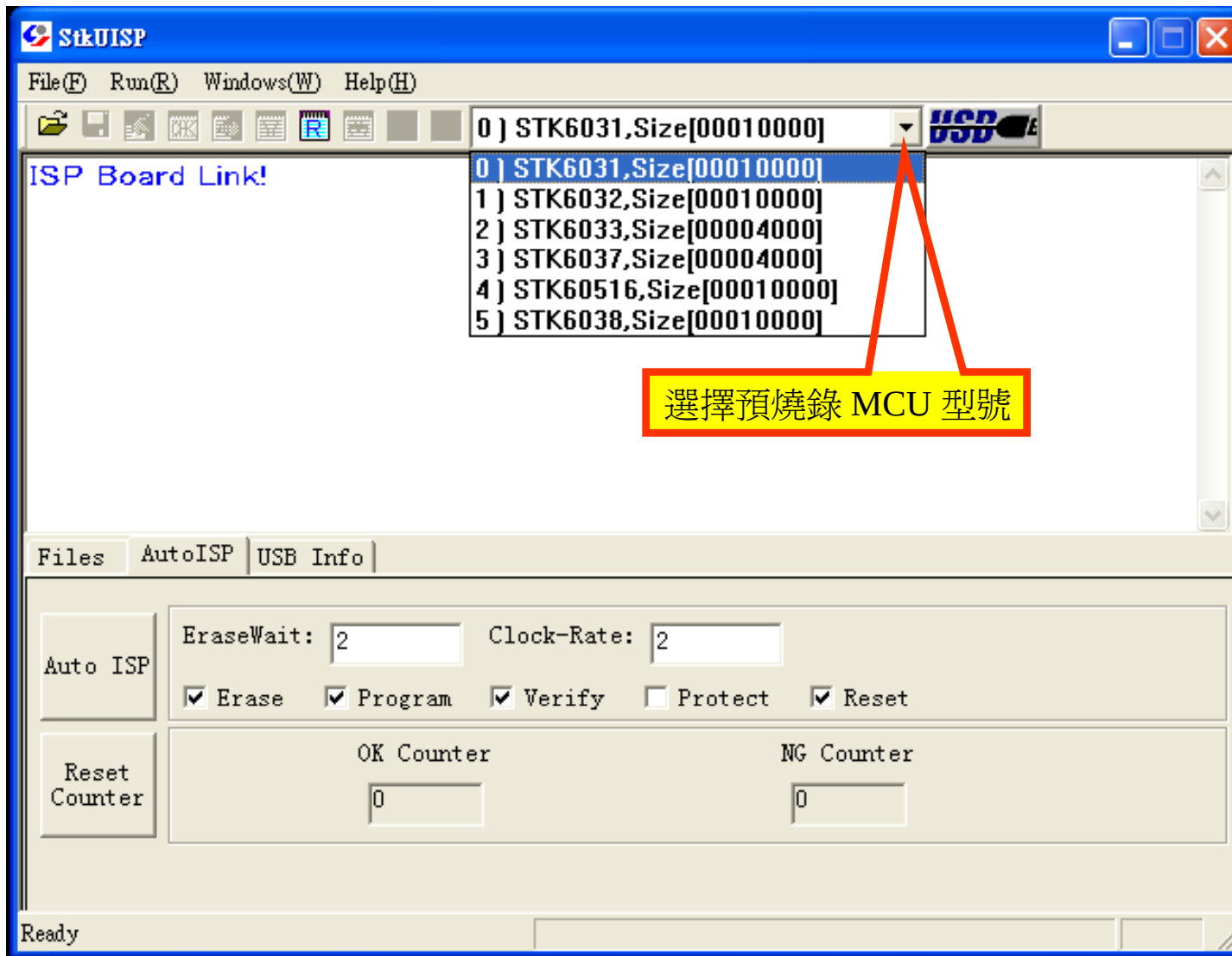


開啓燒錄軟件，ISP Board 上 ACTIVE (綠色 LED) 會亮起來
表示燒錄軟件已開啓

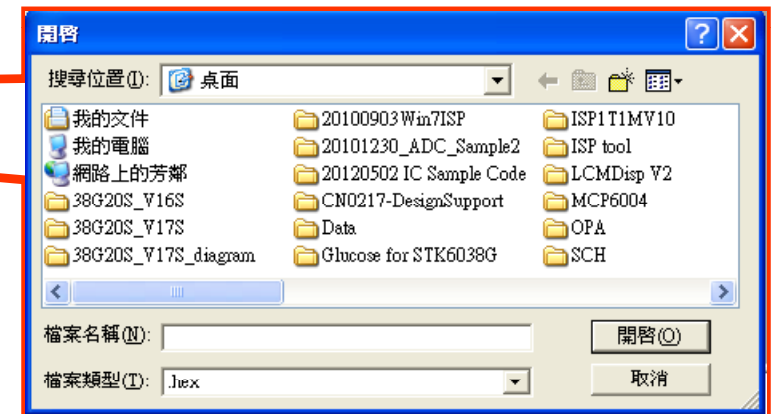
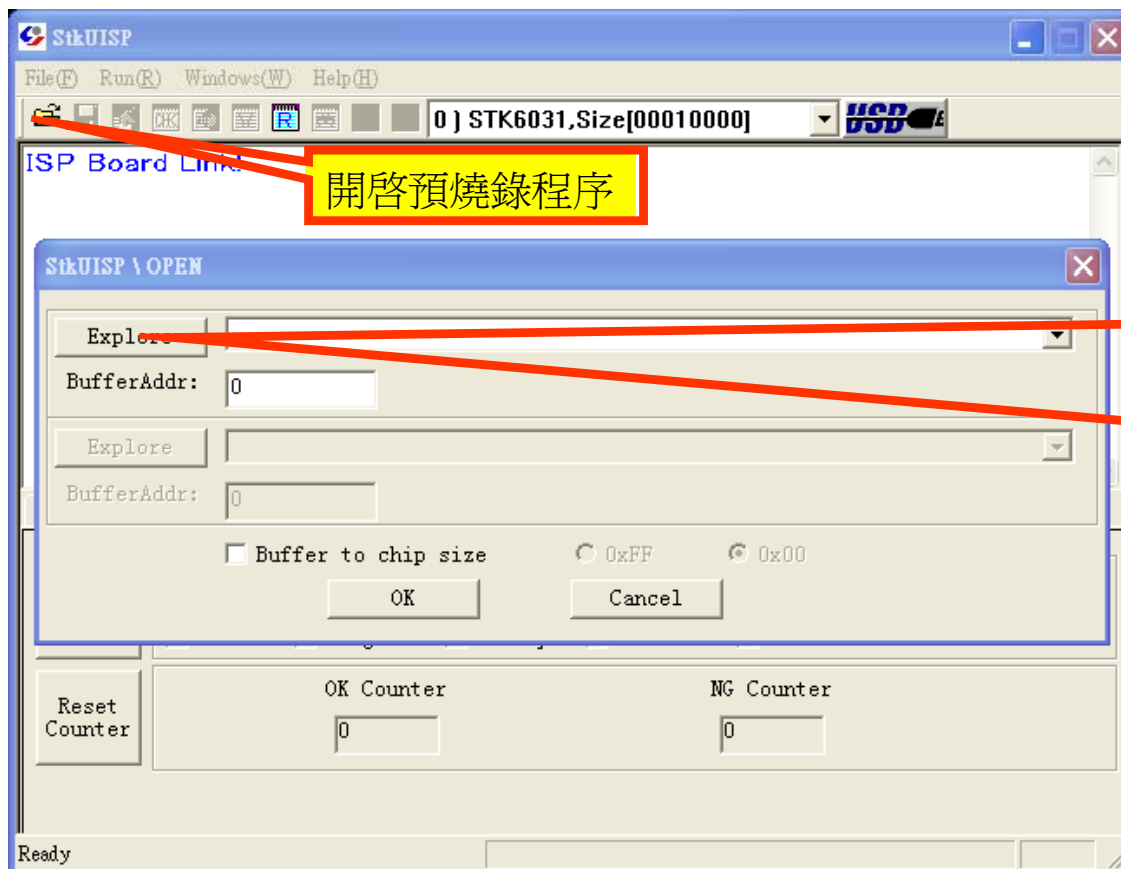
軟件操作介紹



ISP執行步驟說明(1)

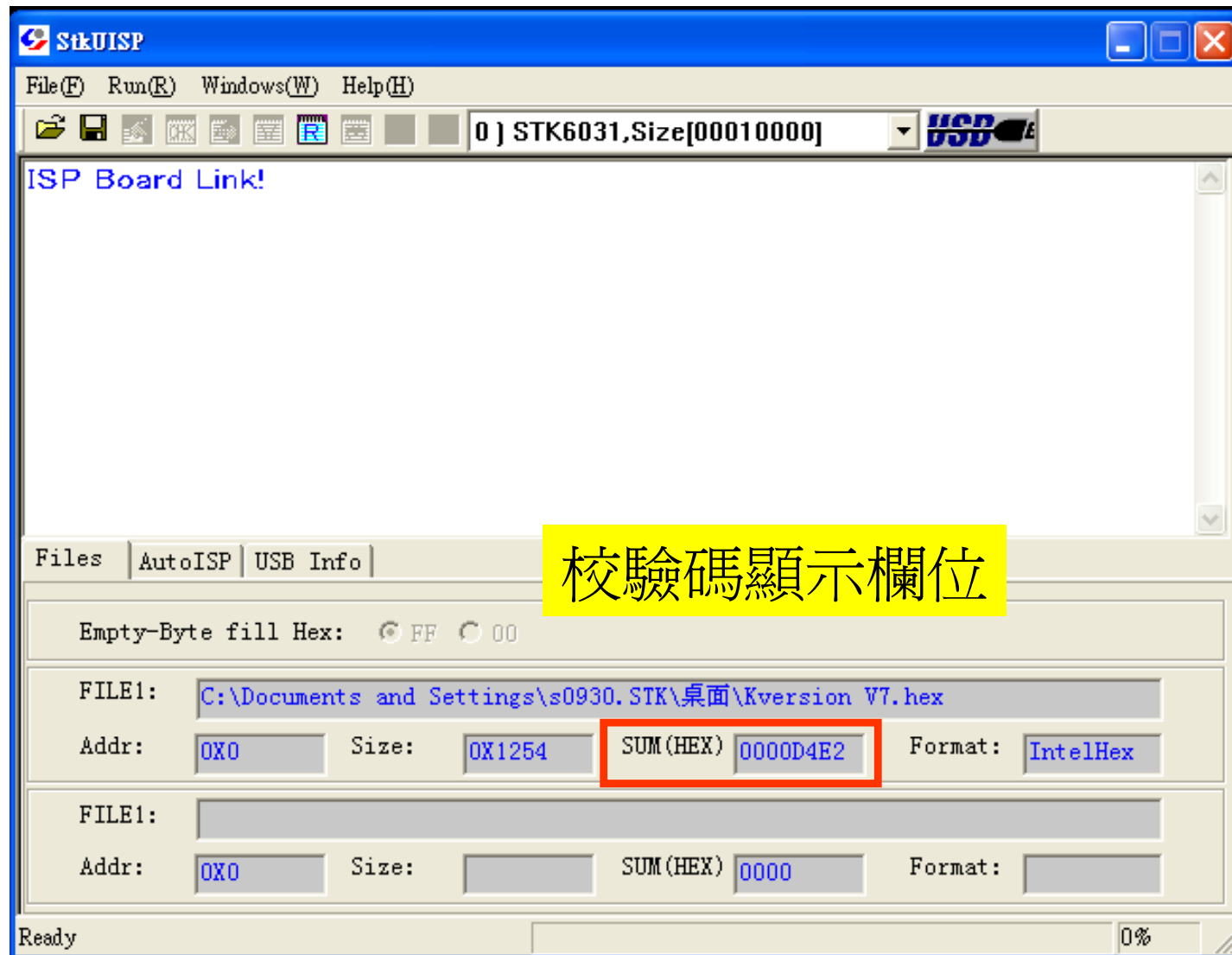


ISP執行步驟說明(2)

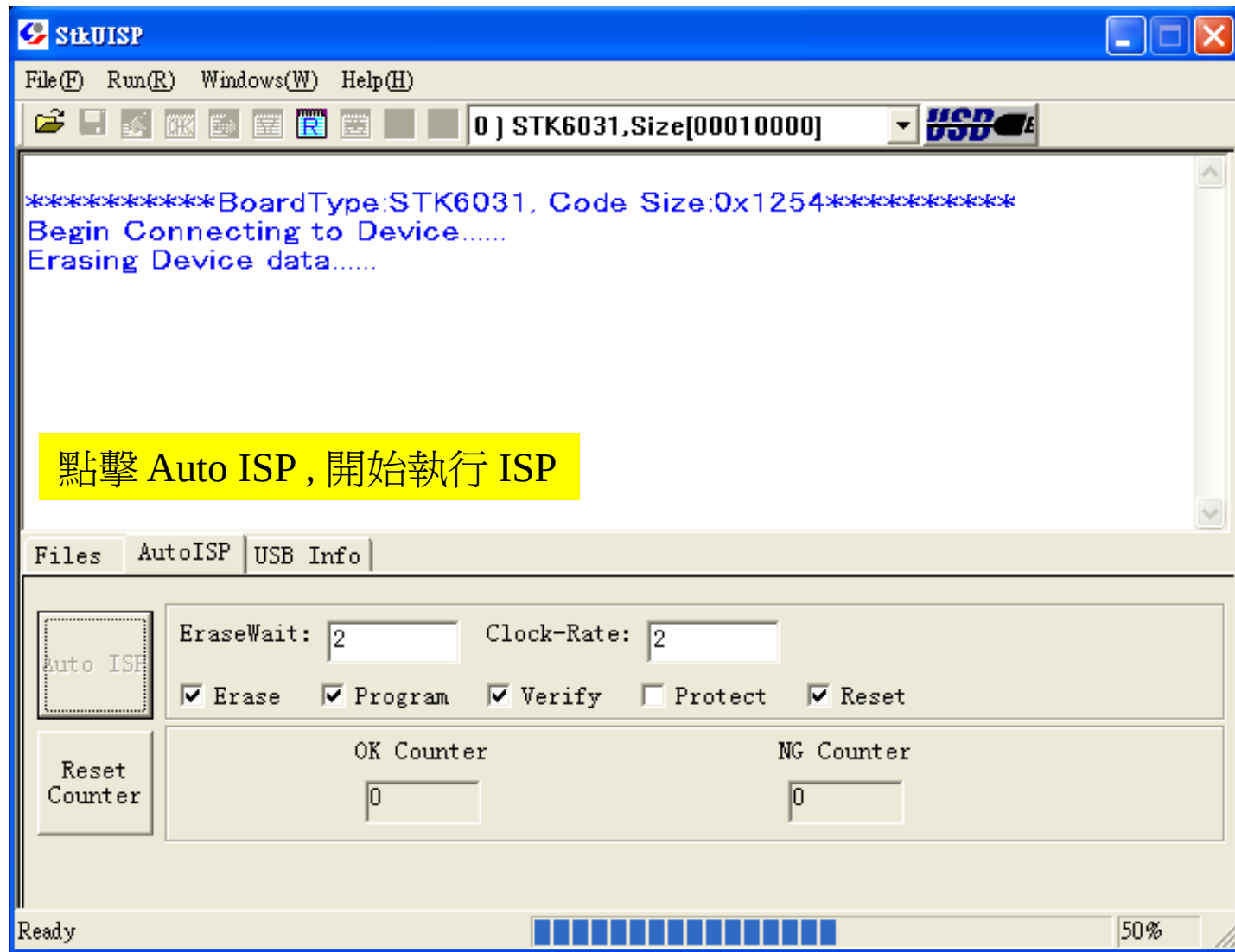


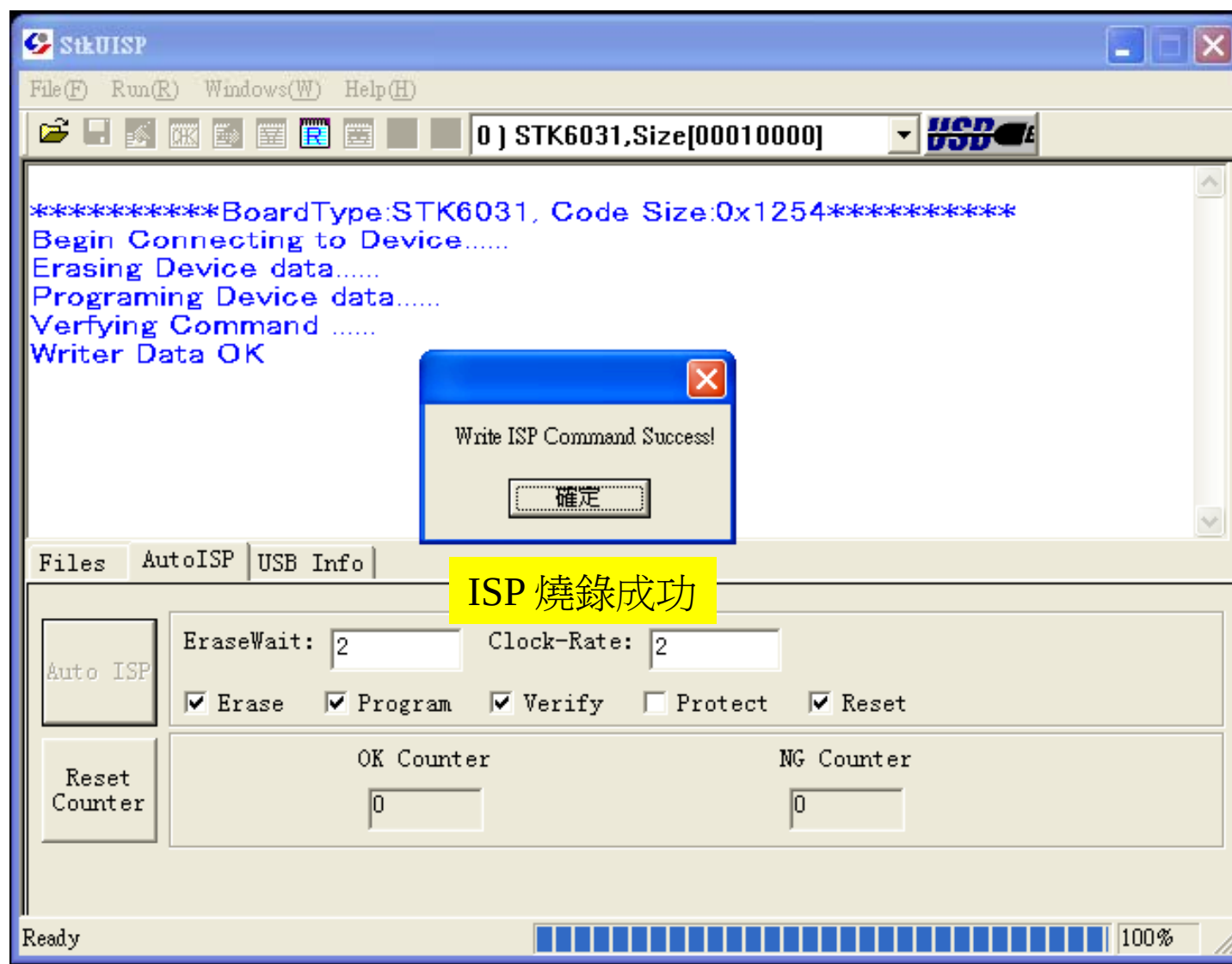
瀏覽預燒錄程序存放位置

ISP執行步驟說明(3)

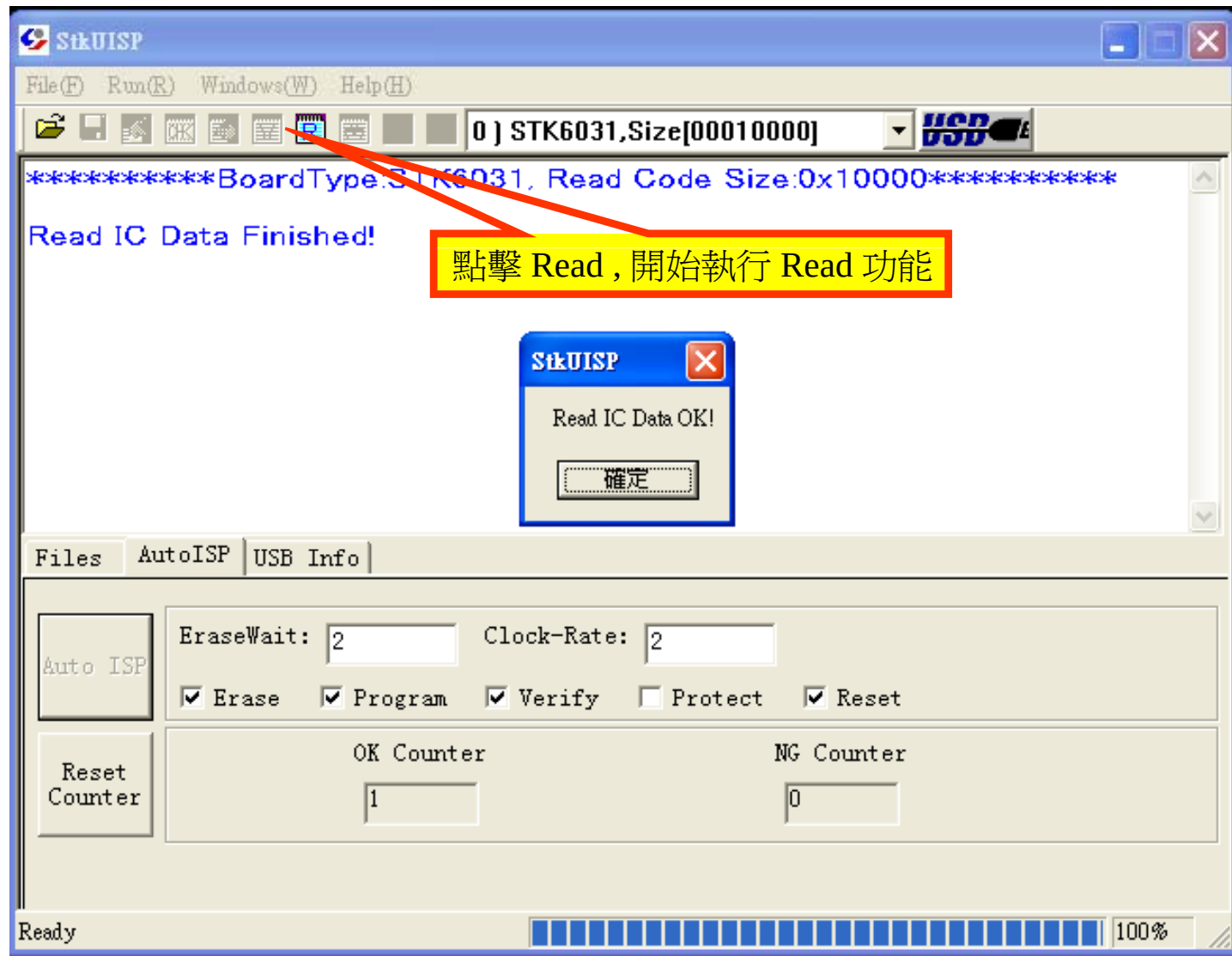


執行 ISP 燒錄

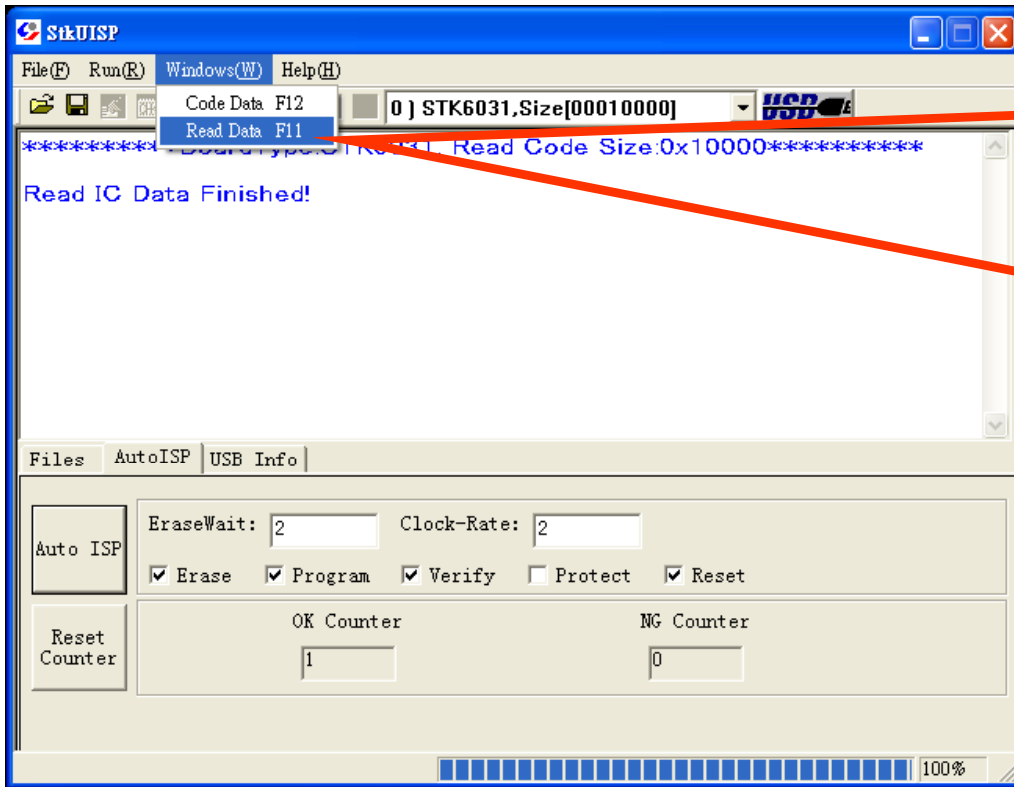




讀取 Target MCU Flash

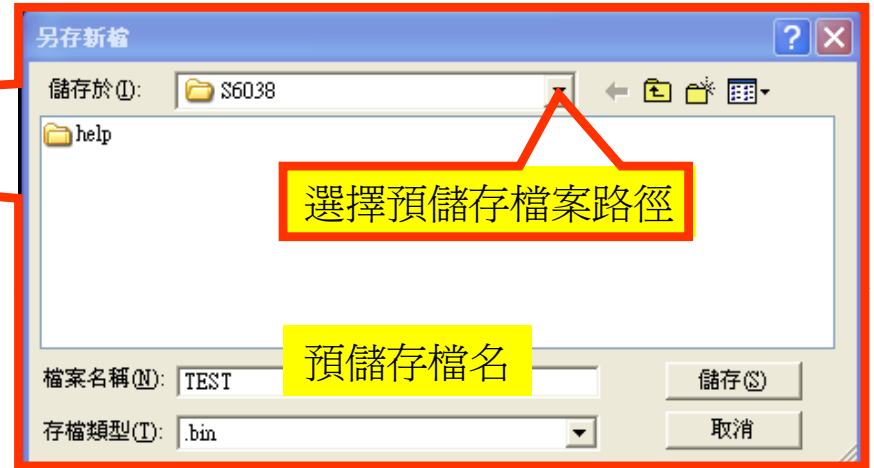
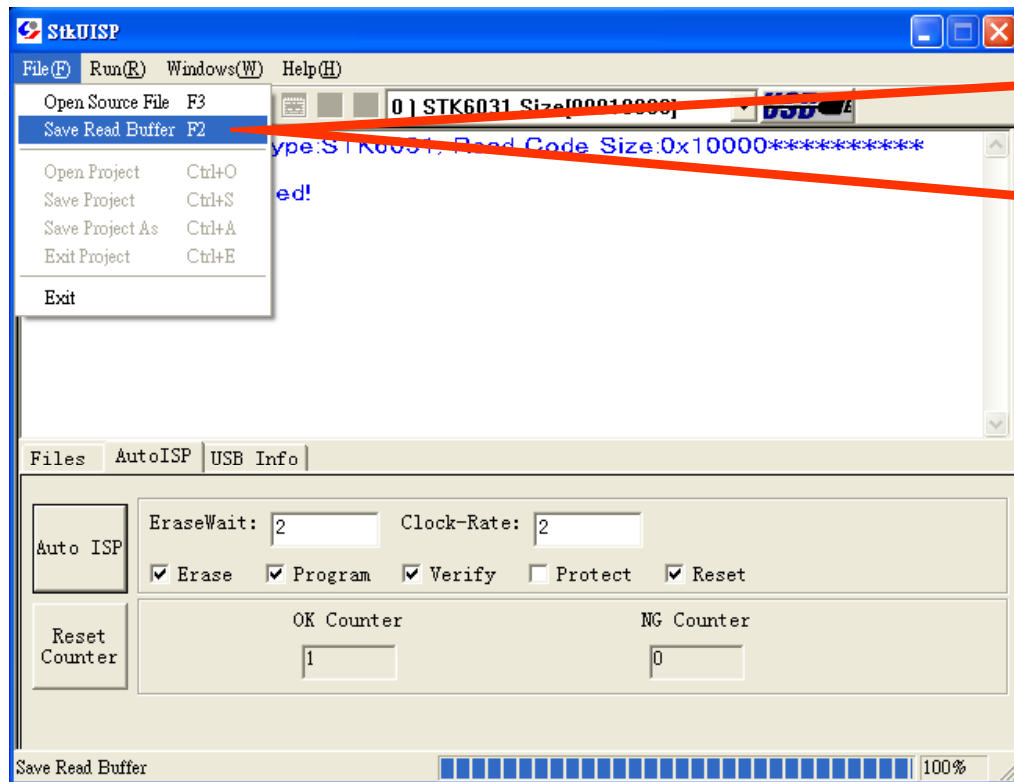


查看Target MCU Flash資料

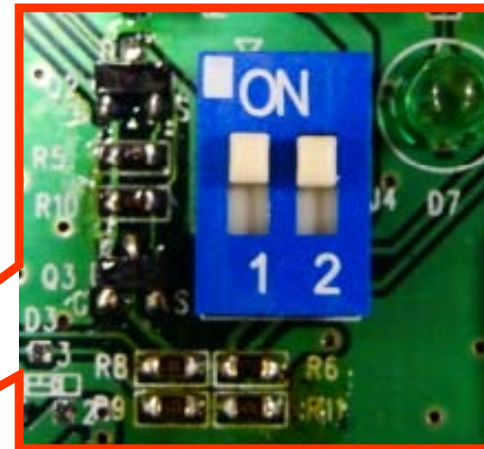
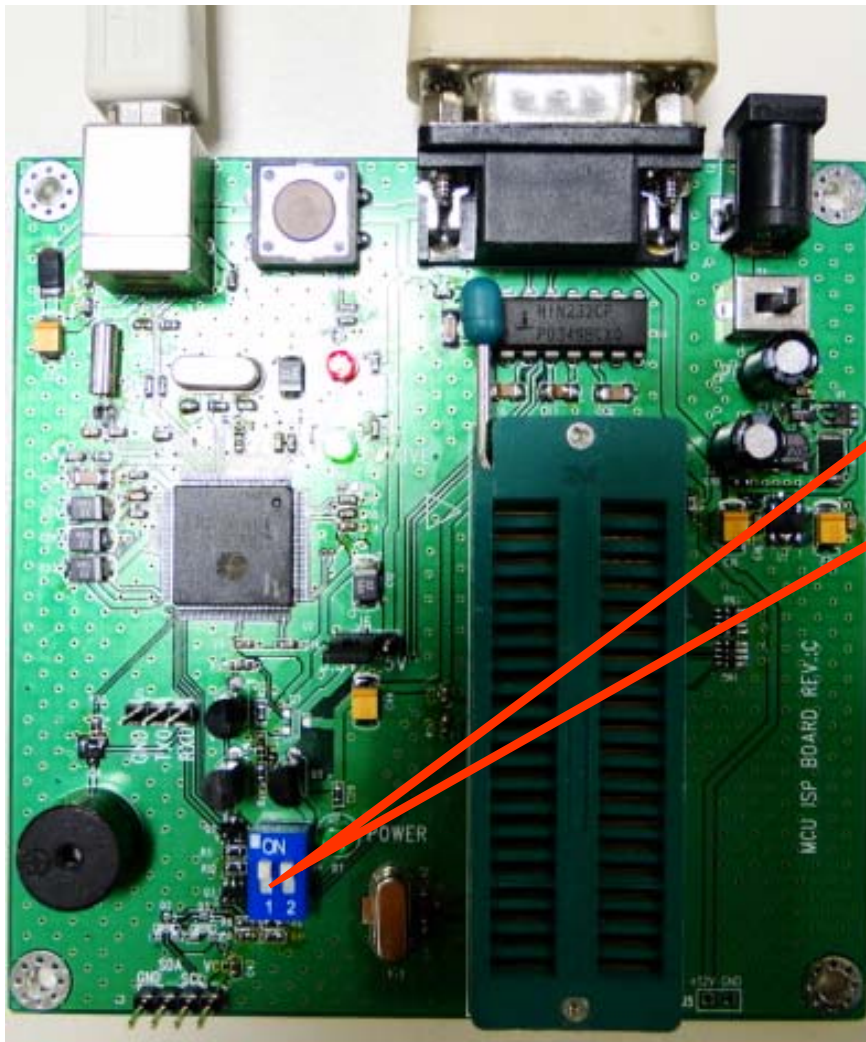


ADDR	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	0123456789ABCDEF
00000000	02	0B	5B	02	00	12	7F	27	90	F1	00	E4	F0	A3	DF	FC	. . .
00000010	22	22	32	02	0A	CE	90	F0	59	E0	4F	F0	7F	00	22	32	. . .
00000020	FF	FF	FF	02	00	1F	90	F0	00	E0	FF	E4	F5	48	FE	30	. . .
00000030	02	03	02	02	7E	EF	14	B4	0F	00	40	03	02	02	A7	90	. . .
00000040	00	4D	75	F0	03	A4	C5	83	25	F0	C5	83	73	02	00	7A	. . .
00000050	02	01	29	02	01	4E	02	01	75	02	01	9C	02	02	A7	02	. . .
00000060	02	A7	02	02	A7	02	01	A0	02	02	66	02	02	6A	02	02	. . .
00000070	6E	02	02	72	02	02	76	02	02	7A	90	F0	01	E0	90	00	. . .
00000080	48	F0	90	F0	02	E0	90	00	49	F0	90	F0	03	E0	90	00	. . .
00000090	4A	F0	90	F0	04	E0	90	00	4F	F0	90	F0	05	E0	90	00	. . .
000000A0	50	F0	90	F0	06	E0	90	00	4B	F0	90	F0	07	E0	90	00	. . .
000000B0	4C	F0	90	F0	08	E0	90	00	4D	F0	90	F0	09	E0	90	00	. . .
000000C0	4E	F0	90	F0	0A	E0	90	00	51	F0	90	F0	0B	E0	90	00	. . .
000000D0	52	F0	90	F0	0C	E0	90	00	53	F0	90	F0	0D	E0	90	00	. . .
000000E0	54	F0	90	F0	0E	E0	90	00	55	F0	90	F0	0F	E0	90	00	. . .
000000F0	56	F0	90	F0	10	E0	90	00	57	F0	90	F0	11	E0	90	00	. . .
00000100	58	F0	90	F0	12	E0	90	00	59	F0	E4	F5	48	74	00	25	. . .
00000110	48	F5	82	E4	34	00	F5	83	74	FF	F0	05	48	E5	48	B4	. . .
00000120	40	EB	E4	F5	0E	F5	18	80	73	90	00	4A	E0	F5	0F	90	. . .
00000130	F0	01	E0	F5	11	A3	E0	90	00	40	F0	90	F0	03	E0	F5	. . .
00000140	17	AB	17	AD	11	AF	0F	12	10	E2	75	0B	06	22	90	00	. . .
00000150	4A	E0	F5	0F	90	F0	01	E0	F5	11	A3	E0	90	00	40	F0	. . .
00000160	90	F0	03	E0	F5	17	AB	17	AD	11	AF	0F	12	10	E2	D2	. . .
00000170	02	75	0B	07	22	90	00	4A	E0	F5	0F	90	F0	01	E0	F5	. . .
00000180	11	A3	E0	90	00	40	F0	90	F0	03	E0	F5	17	AB	17	AD	. . .
00000190	11	AF	0F	12	10	E2	D2	91	E4	F5	0B	22	75	0B	05	22	. . .
000001A0	90	F0	01	E0	90	00	48	F0	90	F0	02	E0	90	00	49	F0	. . .

儲存 Target MCU Flash 資料



UART連接說明



User 可利用 ISP Board 上的 UART 接口，
讓 PC 的串口與 User 的系統板執行串口通訊

- (1) 如上圖，請將指撥開關撥到 ON 的位置
- (2) 利用燒錄接口讓 PC 與系統板執行串口通訊